

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 2 | capacit\$5 and touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 12:56 |
| L2 | 2 | capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 12:57 |
| L3 | 1 | capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 13:13 |
| L5 | 0 | ("2008/0253097").URPN. | USPAT | OR | OFF | 2009/04/30 13:14 |
| L6 | 0 | ("2007/0296709").URPN. | USPAT | OR | OFF | 2009/04/30 13:14 |
| L7 | 0 | ("2006/0017701").URPN. | USPAT | OR | OFF | 2009/04/30 13:14 |
| L8 | 0 | ("2006/0017701").URPN. | USPAT | OR | OFF | 2009/04/30 13:26 |
| L9 | 0 | ("2005/0270273").URPN. | USPAT | OR | OFF | 2009/04/30 13:26 |
| L10 | 1 | ("2004/0119688").URPN. | USPAT | OR | OFF | 2009/04/30 13:26 |
| L11 | 15 | ("20040119688" "3886311" "4194083" "4379287" "5063306" "5117071" "5594222" "5886687" "5942733" "6054979" "6204839" "6207913" "6222528" "6239788" "6473069"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:27 |
| L12 | 0 | ("7352355").URPN. | USPAT | OR | OFF | 2009/04/30 13:27 |

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| L13 | 9 | ("20020067615" "20040080486" "20040238726" "4567480" "5886687" "5942733" "6054979" "6204839" "6611093").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:27 |
| L14 | 1 | ("7176885").URPN. | USPAT | OR | OFF | 2009/04/30 13:27 |
| L15 | 5 | ("5777604" "6373474" "6734843" "6738048" "6753853").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:27 |
| L16 | 0 | ("7075523").URPN. | USPAT | OR | OFF | 2009/04/30 13:28 |
| L17 | 16 | ("3492440" "3701869" "4035795" "4056699" "4123631" "4145584" "4161766" "4263659" "4293987" "4380040" "4394643" "4413252" "4431882" "4665324" "4743895").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:28 |
| L18 | 21 | ("4855550").URPN. | USPAT | OR | OFF | 2009/04/30 13:28 |
| L19 | 8 | ("3921167" "3971013" "4186392" "4280121" "4290061" "4379287" "4380040" "4561002").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:28 |
| L20 | 31 | ("4743895").URPN. | USPAT | OR | OFF | 2009/04/30 13:29 |
| L21 | 31 | ("4743895").URPN. | USPAT | OR | OFF | 2009/04/30 13:29 |
| L22 | 0 | ("2004/0119688").URPN. and capacit\$5 same touch \$4 same pad\$1 and (plural \$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 13:30 |

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| L25 | 0 | ("7176885").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 13:36 |
| L26 | 0 | ("5777604" "6373474" "6734843" "6738048" "6753853").PN. and capacit \$5 same touch\$4 same pad \$1 and (plural\$4 same row \$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:36 |

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| L28 | 0 | ("4855550").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 13:37 |
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| L30 | 0 | ("4743895").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 13:37 |
| L31 | 0 | ("4743895").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 13:37 |

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| "5432531" | "5438331" |
| "5450075" | "5453761" |
| "5473343" | "5473344" |
| "5479192" | "5495566" |
| "5508703" | "5543588" |
| "5559301" | "5559943" |
| "5561445" | "5564112" |
| "5565887" | "5578817" |
| "5581670" | "5585823" |
| "5589893" | "5596347" |
| "5598183" | "5611040" |
| "5611060" | "5613137" |
| "5617114" | "5627531" |
| "5632679" | "5640258" |
| "5657012" | "5661632" |
| "5689285" | "5726687" |
| "5729219" | "5730165" |
| "5748185" | "5751274" |
| "5754890" | "5777605" |
| "5786818" | "5790769" |
| "5805144" | "5808602" |
| "5825353" | "5828364" |
| "5838304" | "5841423" |
| "5850213" | "5856822" |
| "5859629" | "5875311" |
| "5883619" | "5889236" |

| | |
|-------------------|------------|
| "5889511" | "5903229" |
| "5907152" | "5907318" |
| "5909211" | "5914706" |
| "5923388" | "5943044" |
| "5956019" | "5959611" |
| "5964661" | "5973668" |
| "6000000" | "6002389" |
| "6005299" | "6025832" |
| "6031518" | "6034672" |
| "6057829" | "6075533" |
| "6084574" | "6097372" |
| "6122526" | "6124587" |
| "6128006" | "6163312" |
| "6166721" | "6179496" |
| "6181322" | "6188393" |
| "6191774" | "6198473" |
| "6211861" | "6219038" |
| "6225976" | "6225980" |
| "6226534" | "6227966" |
| "6243078" | "6243080" |
| "6248017" | "6254477" |
| "6256011" | "6262717" |
| "6262785" | "6266050" |
| "6297795" | "6314483" |
| "6323845" | "6340800" |
| "6357887" | "6373470" |
| "6377530" | "6396523" |
| "6424338" | "6429846" |
| "6429852" | "6473069" |
| "6492979" | "6496181" |
| "6497412" | "6587091" |
| "6636197" | "6639584" |
| "6650975" | "6664951" |
| "6677927" | "6686904" |
| "6703550" | "6724817") |
| PN. OR ("6727889" | |
| "6738045" | "6750803" |
| "6781576" | "6788288" |
| "6791533" | "6795057" |
| "6844872" | "6886842" |
| "6894916" | "6922189" |
| "6930494" | "6977808" |
| "6978127" | "7046230" |
| "7069044" | "7084856" |
| "7113196" | "7113520" |
| "7215319" | "7236154" |
| "D264969" | "D349280" |
| "D362431" | "D382550" |
| "D385542" | "D402281" |
| "D412940" | "D430169" |
| "D437860" | "D442592" |
| "D443616" | "D448810" |
| "D450713" | "D452250" |
| "D454568" | "D455793" |
| "D468365" | "D469109" |
| "D472245" | "D483809" |
| "D489731" | "D497618" |

| | | | | | | |
|-----|-----|--|---------------------------|----|-----|---------------------|
| | | "D506476").PN. | | | | |
| L48 | 0 | ("7333092").URPN. | USPAT | OR | OFF | 2009/04/30 13:39 |
| L49 | 117 | ("20010011991" "20010043545" "20010050673" "20010051046" "20020030665" "20020033848" "20020089545" "20020118169" "20020154090" "20020158844" "20020164156" "20020180701" "20030043121" "20030050092" "20030076301" "20030076303" "20030095096" "20030098851" "20040239622" "20040252109" "4110749" "4264903" "4719524" "4736191" "4866602" "4917516" "5125077" "5179648" "5186646" "5237311" "5339213" "5404152" "5414445" "5438331" "5473343" "5473344" "5495566" "5559943" "5561445" "5565887" "5578817" "5585823" "5596347" "5598183" "5611040" "5611060" "5726687" "5729219" "5730165" "5748185" "5751274" "5754890" "5786818" "5808602" "5825353" "5828364" "5838304" "5850213" "5856822" "5883619" "5889236" "5903229" "5907152" "5907318" "5909211" "5914706" "5956019" "5959611" "6002389" "6005299" "6031518" "6075533" "6084574" "6097372" "6124587" "6128006" "6163312" "6166721" "6179496" "6181322" "6188393" "6191774" "6198473" "6211861" "6219038" "6225976" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:39 |

| | | | | | | |
|-----|-----|---|---------------------------|----|-----|---------------------|
| | | "6225980" "6243078" "6256011" "6262717" "6266050" "6297795" "6323845" "6340800" "6373470" "6377530" "6429852" "6587091" "6636197" "6639584" "6650975" "6677927" "6686904" "6703550" "6724817" "6738045" "6791533" "6795057" "6844872" "D349280" "D362431" "D382550" "D385542" "D402281" "D442592" "D443616" "D454568").PN. | | | | |
| L50 | 144 | ("7046230").URPN. | USPAT | OR | OFF | 2009/04/30 13:40 |
| L51 | 0 | ("1061578" "20010011991" "20010043545" "20010050673" "20010051046" "20020027547" "20020030665" "20020033848" "20020045960" "20020071550" "20020089545" "20020118131" "20020118169" "20020154090" "20020158844" "20020164156" "20020180701" "20030002246" "20030025679" "20030028346" "20030043121" "20030043174" "20030050092" "20030076301" "20030076303" "20030076306" "20030091377" "20030095095" "20030095096" "20030098851" "20030184517" "20030206202" "20040156192" "20040215986" "20040224638" "20040239622" "20040252109" "20040253989" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:41 |

"20040263388" |
 "20040267874" |
 "20050030048" |
 "20050052425" |
 "20050204309" |
 "20060026521" |
 "20060097991" |
 "20060181517" |
 "20060197750" |
 "20060232557" |
 "20060250377" |
 "20060274905" |
 "20070013671" |
 "20070052044" |
 "20070052691" |
 "20070080936" |
 "20070080938" |
 "20070083822" |
 "20070085841" |
 "20070152975" |
 "20070152977" |
 "20070152983" |
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 "20080007533" |
 "20080007539" |
 "20080012837" |
 "20080018615" |
 "20080018616" |
 "20080018617" |
 "20080036734" |
 "20080087476" |
 "20080088582" |
 "20080088596" |
 "20080088597" |
 "20080088600" |
 "20080111795" |
 "2798907" | "2903229" |
 "2945111" | "3005055" |
 "3965399" | "4103252" |
 "4110749" | "4115670" |
 "4121204" | "4129747" |
 "4158216" | "4242676" |
 "4246452" | "4264903" |
 "4293734" | "4380007" |
 "4380040" | "4475008" |
 "4570149" | "4587378" |
 PN. and capacit\$5 same
 touch\$4 same pad\$1 and
 (plural\$4 same row\$1
 same electrode\$1 and
 plural\$4 same column\$1
 same electrode\$1) same

| | | (interleave\$4 or comb\$4 same shape\$1) | | | | |
|-----|---|--|---|----|-----|---------------------|
| L52 | 0 | ("4644100" "4719524" "4734034" "4736191" "4739191" "4739299" "4752655" "4755765" "4764717" "4798919" "4810992" "4831359" "4849852" "4856993" "4866602" "4876524" "4897511" "4914624" "4917516" "4951036" "4976435" "4990900" "5008497" "5036321" "5053757" "5125077" "5159159" "5179648" "5186646" "5192082" "5231326" "5237311" "5278362" "5305017" "5313027" "5339213" "5367199" "5374787" "5404152" "5408621" "5414445" "5416498" "5424756" "5432531" "5438331" "5450075" "5453761" "5473343" "5473344" "5479192" "5495566" "5508703" "5543588" "5555004" "5559301" "5559943" "5561445" "5564112" "5565887" "5578817" "5581670" "5585823" "5589893" "5596347" "5598183" "5611040" "5611060" "5613137" "5617114" "5627531" "5632679" "5640258" "5657012" "5661632" "5689285" "5726687" "5729219" "5730165" "5748185" "5751274" "5754890" "5777605" "5786818" "5790769" "5805144" "5808602" "5812498" "5825353" "5828364" "5838304" "5841423" "5850213" "5856822" "5859629" "5875311" "5883619" "5889236" "5889511" "5894117" "5903229" "5907152" "5907318" "5909211" "5914706" "5923388" "5943044" "5956019" "5959611" "5964661" "5973668" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 13:41 |

| | | | | | | |
|-----|---|---|---|----|-----|---------------------|
| | | "6000000" "6002389" "6005299" "6025832" "6031518" "6034672" "6057829" "6075533" "6084574" "6097372" "6122526" "6124587" "6128006" "6163312" "6166721").PN. and capacit \$5 same touch\$4 same pad \$1 and (plural\$4 same row \$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | | | | |
| L53 | 0 | ("6179496" "6181322" "6188393" "6191774" "6198054" "6198473" "6211861" "6219038" "6225976" "6225980" "6226534" "6227966" "6243078" "6243080" "6248017" "6254477" "6256011" "6262717" "6262785" "6266050" "6297795" "6297811" "6314483" "6323845" "6340800" "6357887" "6373470" "6377530" "6396523" "6424338" "6429846" "6429852" "6473069" "6492979" "6496181" "6497412" "6587091" "6606244" "6636197" "6639584" "6640250" "6650975" "6664951" "6677927" "6686904" "6703550" "6724817" "6727889" "6738045" "6750803" "6781576" "6788288" "6791533" "6795057" "6844872" "6886842" "6894916" "6922189" "6930494" "6977808" "6978127" "7006077" "7046230" "7069044" "7084856" "7113196" "7113520" "7119792" "7215319" "7233318" "7236154" "D264969" "D349280" "D362431" "D382550" "D385542" "D402281" "D412940" "D430169" "D437860" "D442592" "D443616" "D448810" "D450713" | US-PCPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 13:41 |

| | | | | | | |
|-----|---|--|---------------------------|----|-----|---------------------|
| | | "D452250" "D454568" "D455793" "D468365" "D469109" "D472245" "D483809" "D489731"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | | | | |
| L54 | 0 | ("1061578" "20010011991" "20010043545" "20010050673" "20010051046" "20020027547" "20020030665" "20020033848" "20020045960" "20020071550" "20020089545" "20020118131" "20020118169" "20020154090" "20020158844" "20020164156" "20020180701" "20030002246" "20030025679" "20030028346" "20030043121" "20030043174" "20030050092" "20030076301" "20030076303" "20030076306" "20030091377" "20030095095" "20030095096" "20030098851" "20030184517" "20030206202" "20040156192" "20040215986" "20040224638" "20040239622" "20040252109" "20040253989" "20040263388" "20040267874" "20050030048" "20050052425" "20050204309" "20060026521" "20060097991" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 13:43 |

"20060181517" |
 "20060197750" |
 "20060232557" |
 "20060250377" |
 "20060274905" |
 "20070013671" |
 "20070052044" |
 "20070052691" |
 "20070080936" |
 "20070080938" |
 "20070083822" |
 "20070085841" |
 "20070152975" |
 "20070152977" |
 "20070152983" |
 "20070242057" |
 "20070273671" |
 "20070276525" |
 "20070279394" |
 "20080006453" |
 "20080006454" |
 "20080007533" |
 "20080007539" |
 "20080012837" |
 "20080018615" |
 "20080018616" |
 "20080018617" |
 "20080036734" |
 "20080087476" |
 "20080088582" |
 "20080088596" |
 "20080088597" |
 "20080088600" |
 "20080111795" |
 "2798907" | "2903229" |
 "2945111" | "3005055" |
 "3965399" | "4103252" |
 "4110749" | "4115670" |
 "4121204" | "4129747" |
 "4158216" | "4242676" |
 "4246452" | "4264903" |
 "4293734" | "4380007" |
 "4380040" | "4475008" |
 "4570149" | "4587378").
 PN. and capacit\$5 same
 touch\$4 same pad\$1 and
 (plural\$4 same row\$1
 same electrode\$1 and
 plural\$4 same column\$1
 same electrode\$1) same
 (interleav\$4 or comb\$4
 same shape\$1)

| | | | | | | |
|-----|---|--|---|----|-----|---------------------|
| L55 | 0 | ("6179496" "6181322" "6188393" "6191774" "6198054" "6198473" "6211861" "6219038" "6225976" "6225980" "6226534" "6227966" "6243078" "6243080" "6248017" "6254477" "6256011" "6262717" "6262785" "6266050" "6297795" "6297811" "6314483" "6323845" "6340800" "6357887" "6373470" "6377530" "6396523" "6424338" "6429846" "6429852" "6473069" "6492979" "6496181" "6497412" "6587091" "6606244" "6636197" "6639584" "6640250" "6650975" "6664951" "6677927" "6686904" "6703550" "6724817" "6727889" "6738045" "6750803" "6781576" "6788288" "6791533" "6795057" "6844872" "6886842" "6894916" "6922189" "6930494" "6977808" "6978127" "7006077" "7069044" "7084856" "7113196" "7113520" "7119792" "7215319" "7233318" "7236154" "D264969" "D349280" "D362431" "D382550" "D385542" "D402281" "D412940" "D430169" "D437860" "D442592" "D443616" "D448810" "D450713" "D452250" "D454568" "D455793" "D468365" "D469109" "D472245" "D483809" "D489731" "D497618" "D506476").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PCPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 13:43 |
|-----|---|--|---|----|-----|---------------------|

| | | | | | | |
|-----|---|--|---|----|-----|---------------------|
| L56 | 0 | ("4644100" "4719524" "4734034" "4736191" "4739191" "4739299" "4752655" "4755765" "4764717" "4798919" "4810992" "4831359" "4849852" "4856993" "4866602" "4876524" "4897511" "4914624" "4917516" "4951036" "4976435" "4990900" "5008497" "5036321" "5053757" "5125077" "5159159" "5179648" "5186646" "5192082" "5231326" "5237311" "5278362" "5305017" "5313027" "5339213" "5367199" "5374787" "5404152" "5408621" "5414445" "5416498" "5424756" "5432531" "5438331" "5450075" "5453761" "5473343" "5473344" "5479192" "5495566" "5508703" "5543588" "5555004" "5559301" "5559943" "5561445" "5564112" "5565887" "5578817" "5581670" "5585823" "5589893" "5596347" "5598183" "5611040" "5611060" "5613137" "5617114" "5627531" "5632679" "5640258" "5657012" "5661632" "5689285" "5726687" "5729219" "5730165" "5748185" "5751274" "5754890" "5777605" "5786818" "5790769" "5805144" "5808602" "5812498" "5825353" "5828364" "5838304" "5841423" "5850213" "5856822" "5859629" "5875311" "5883619" "5889236" "5889511" "5894117" "5903229" "5907152" "5907318" "5909211" "5914706" "5923388" "5943044" "5956019" "5959611" "5964661" "5973668" "6000000" "6002389" "6005299" "6025832" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 13:43 |
|-----|---|--|---|----|-----|---------------------|

| | | | | | | |
|-----|---|---|---------------------------|----|-----|---------------------|
| | | "6031518" "6034672" "6057829" "6075533" "6084574" "6097372" "6122526" "6124587" "6128006" "6163312" "6166721").PN. and capacit \$5 same touch\$4 same pad \$1 and (plural\$4 same row \$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | | | | |
| L57 | 0 | ("1061578" "20010011991" "20010043545" "20010050673" "20010051046" "20020027547" "20020030665" "20020033848" "20020045960" "20020089545" "20020118131" "20020118169" "20020154090" "20020158844" "20020164156" "20020180701" "20030002246" "20030025679" "20030043121" "20030043174" "20030050092" "20030076301" "20030076303" "20030095095" "20030095096" "20030098851" "20030184517" "20030206202" "20040156192" "20040215986" "20040224638" "20040239622" "20040252109" "20040253989" "20040263388" "20040267874" "20050052425" "20060026521" "20060097991" "20060181517" "20060197750" "20060250377" "20060274905" "20070013671" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:16 |

| | |
|--------------------------|-----------|
| "20070052044" | |
| "20070052691" | |
| "20070080936" | |
| "20070080938" | |
| "20070083822" | |
| "20070085841" | |
| "20070152977" | |
| "20070152983" | |
| "2798907" | "2903229" |
| "2945111" | "3005055" |
| "3965399" | "4103252" |
| "4110749" | "4121204" |
| "4129747" | "4158216" |
| "4242676" | "4246452" |
| "4264903" | "4293734" |
| "4380007" | "4380040" |
| "4475008" | "4570149" |
| "4587378" | "4644100" |
| "4719524" | "4734034" |
| "4736191" | "4739191" |
| "4739299" | "4752655" |
| "4755765" | "4764717" |
| "4798919" | "4810992" |
| "4831359" | "4849852" |
| "4856993" | "4866602" |
| "4897511" | "4914624" |
| "4917516" | "4951036" |
| "4976435" | "4990900" |
| "5008497" | "5036321" |
| "5053757" | "5125077" |
| "5159159" | "5179648" |
| "5186646" | "5192082" |
| "5231326" | "5237311" |
| "5305017" | "5339213" |
| "5367199" | "5374787" |
| "5404152" | "5408621" |
| PN. and capacit\$5 same | |
| touch\$4 same pad\$1 and | |
| (plural\$4 same row\$1 | |
| same electrode\$1 and | |
| plural\$4 same column\$1 | |
| same electrode\$1) same | |
| (interleav\$4 or comb\$4 | |
| same shape\$1) | |

| | | | | | | |
|-----|---|--|---|----|-----|---------------------|
| L58 | 0 | ("5414445" "5416498" "5424756" "5432531" "5438331" "5450075" "5453761" "5473343" "5473344" "5479192" "5495566" "5508703" "5543588" "5559301" "5559943" "5561445" "5564112" "5565887" "5578817" "5581670" "5585823" "5589893" "5596347" "5598183" "5611040" "5611060" "5613137" "5617114" "5627531" "5632679" "5640258" "5657012" "5661632" "5689285" "5726687" "5729219" "5730165" "5748185" "5751274" "5754890" "5777605" "5786818" "5790769" "5805144" "5808602" "5825353" "5828364" "5838304" "5841423" "5850213" "5856822" "5859629" "5875311" "5883619" "5889236" "5889511" "5903229" "5907152" "5907318" "5909211" "5914706" "5923388" "5943044" "5956019" "5959611" "5964661" "5973668" "6000000" "6002389" "6005299" "6025832" "6031518" "6034672" "6057829" "6075533" "6084574" "6097372" "6122526" "6124587" "6128006" "6163312" "6166721" "6179496" "6181322" "6188393" "6191774" "6198473" "6211861" "6219038" "6225976" "6225980" "6226534" "6227966" "6243078" "6243080" "6248017" "6254477" "6256011" "6262717" "6262785" "6266050" "6297795" "6314483" "6323845" "6340800" "6357887" "6373470" "6377530" "6396523" "6424338" "6429846" "6429852" "6473069" "6492979" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:16 |
|-----|---|--|---|----|-----|---------------------|

| | | | | | | |
|-----|---|--|---|----|-----|---------------------|
| | | "6496181" "6497412" "6587091" "6636197" "6639584" "6650975" "6664951" "6677927" "6686904" "6703550" "6724817").PN. and capacit \$5 same touch\$4 same pad \$1 and (plural\$4 same row \$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | | | | |
| L59 | 0 | ("6727889" "6738045" "6750803" "6781576" "6788288" "6791533" "6795057" "6844872" "6886842" "6894916" "6922189" "6930494" "6977808" "6978127" "7046230" "7069044" "7084856" "7113196" "7113520" "7215319" "7236154" "D264969" "D349280" "D362431" "D382550" "D385542" "D402281" "D412940" "D430169" "D437860" "D442592" "D443616" "D448810" "D450713" "D452250" "D454568" "D455793" "D468365" "D469109" "D472245" "D483809" "D489731" "D497618" "D506476"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:16 |
| L60 | 0 | ("5414445" "5416498" "5424756" "5432531" "5438331" "5450075" "5453761" "5473343" "5473344" "5479192" "5495566" "5508703" "5543588" "5559301" "5559943" "5561445" "5564112" "5565887" "5578817" "5581670" "5585823" "5589893" "5596347" "5598183" "5611040" "5611060" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:16 |

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|-----------|-----------|
| "5613137" | "5617114" |
| "5627531" | "5632679" |
| "5640258" | "5657012" |
| "5661632" | "5689285" |
| "5726687" | "5729219" |
| "5730165" | "5748185" |
| "5751274" | "5754890" |
| "5777605" | "5786818" |
| "5790769" | "5805144" |
| "5808602" | "5825353" |
| "5828364" | "5838304" |
| "5841423" | "5850213" |
| "5856822" | "5859629" |
| "5875311" | "5883619" |
| "5889236" | "5889511" |
| "5903229" | "5907152" |
| "5907318" | "5909211" |
| "5914706" | "5923388" |
| "5943044" | "5956019" |
| "5959611" | "5964661" |
| "5973668" | "6000000" |
| "6002389" | "6005299" |
| "6025832" | "6031518" |
| "6034672" | "6057829" |
| "6075533" | "6084574" |
| "6097372" | "6122526" |
| "6124587" | "6128006" |
| "6163312" | "6166721" |
| "6179496" | "6181322" |
| "6188393" | "6191774" |
| "6198473" | "6211861" |
| "6219038" | "6225976" |
| "6225980" | "6226534" |
| "6227966" | "6243078" |
| "6243080" | "6248017" |
| "6254477" | "6256011" |
| "6262717" | "6262785" |
| "6266050" | "6297795" |
| "6314483" | "6323845" |
| "6340800" | "6357887" |
| "6373470" | "6377530" |
| "6396523" | "6424338" |
| "6429846" | "6429852" |
| "6473069" | "6492979" |
| "6496181" | "6497412" |
| "6587091" | "6636197" |
| "6639584" | "6650975" |
| "6664951" | "6677927" |
| "6686904" | "6703550" |
| "6724817" | |

PN. and capacit
\$5 same touch\$4 same pad
\$1 and (plural)\$4 same row
\$1 same electrode\$1 and
plural\$4 same column\$1
same electrode\$1) same
(interleav\$4 or comb\$4
same shape\$1)

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|-----|-----|--|---------------------------|----|-----|---------------------|
| L62 | 0 | ("2007/0008299").URPN. | USPAT | OR | OFF | 2009/04/30 14:17 |
| L63 | 0 | ("2005/0270273").URPN. | USPAT | OR | OFF | 2009/04/30 14:17 |
| L64 | 12 | ("3761877" "3772685" "3832693" "3990070" "4058849" "4125873" "4190833" "4363029" "4639720" "4814760" "4839634" "4841290"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:17 |
| L65 | 107 | ("5194852").URPN. | USPAT | OR | OFF | 2009/04/30 14:18 |
| L66 | 9 | ("3761877" "3772685" "3832693" "3990070" "4058849" "4125873" "4190833" "4363029" "4639720").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:18 |
| L67 | 88 | ("4839634").URPN. | USPAT | OR | OFF | 2009/04/30 14:18 |
| L68 | 3 | ("3921166" "4305135" "4359720").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:18 |
| L69 | 46 | ("4733222").URPN. | USPAT | OR | OFF | 2009/04/30 14:19 |
| L70 | 0 | ("3761877" "3772685" "3832693" "3990070" "4058849" "4125873" "4190833" "4363029" "4639720" "4814760" "4839634" "4841290"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:19 |
| L71 | 0 | ("5194852").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:19 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| L72 | 0 | ("3761877" "3772685" "3832693" "3990070" "4058849" "4125873" "4190833" "4363029" "4639720").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:19 |
| L73 | 0 | ("4839634").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:20 |
| L74 | 0 | ("3921166" "4305135" "4359720").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:20 |
| L75 | 0 | ("4733222").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:20 |
| L77 | 56 | ("3857092" "3886311" "3921166" "4032841" "4071691" "4103252" "4129747" "4186392" "4190785" "4237421" "4246452" "4371746" "4455452" "4476463" "4495485" "4550221" "4587378" "4639720" "4672154" "4680430" "4686332" "4698461" "4700022" "4707573" "4707845" "4736191" "4740781" "4743895" "4845682" "4873400" "4922061" "4975830" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:21 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| | | "4983787" "5016008" "5053757" "5196838" "5252951" "5305017" "5309555" "5327161" "5333247" "5349303" "5374787" "5406307" "5422993" "5459463" "5463388" "5485174" "5488204" "5491495" "5495566" "5506951" "5510813" "5528260" "5530865" "5543590"). PN. | | | | |
| L78 | 18 | ("6222528").URPN. | USPAT | OR | OFF | 2009/04/30 14:21 |
| L79 | 0 | ("3857092" "3886311" "3921166" "4032841" "4071691" "4103252" "4129747" "4186392" "4190785" "4237421" "4246452" "4371746" "4455452" "4476463" "4495485" "4550221" "4587378" "4639720" "4672154" "4680430" "4686332" "4698461" "4700022" "4707573" "4707845" "4736191" "4740781" "4743895" "4845682" "4873400" "4922061" "4975830" "4983787" "5016008" "5053757" "5196838" "5252951" "5305017" "5309555" "5327161" "5333247" "5349303" "5374787" "5406307" "5422993" "5459463" "5463388" "5485174" "5488204" "5491495" "5495566" "5506951" "5510813" "5528260" "5530865" "5543590"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:21 |

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|-----|------|---|---|----|-----|---------------------|
| L80 | 0 | ("6222528").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:21 |
| L82 | 4720 | display and m.ov\$4 same image\$1 and (reduc\$4 or eradicat\$4 or eliminat\$4) same blur\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:24 |
| L83 | 1202 | display and mov\$4 same image\$1 same (reduc\$4 or eradicat\$4 or eliminat\$4) same blur\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:24 |
| L84 | 367 | display\$4 and mov\$4 adj image\$1 same (reduc\$4 or eradicat\$4 or eliminat\$4) same blur\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:25 |
| L85 | 25 | display\$4 and mov\$4 adj image\$1 adj (reduc\$4 or eradicat\$4 or eliminat\$4) same blur\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:25 |
| L86 | 2 | display\$4 and mov\$4 adj image\$1 adj (reduc\$4 or eradicat\$4 or eliminat\$4) adj blur\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 14:25 |
| L87 | 1 | ("2005/0052492").URPN. | USPAT | OR | OFF | 2009/04/30 14:28 |
| L89 | 1 | ("2003/0227519").URPN. | USPAT | OR | OFF | 2009/04/30 14:28 |
| L90 | 36 | ("20010045923" "20020130826" "2565514" "2997922" "3376092" "3698793" "4113360" "4525709" "5106181" "5187578" "5210455" "5319491" "5321418" "5424752" "5600197" "5636072" "5771321" "5774101" "5861863" "5862275" "5953469" "5986640" "6028578" "6028978" "6057816" "6091182" "6144364" "6292159" "6369782" "6417835" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:28 |

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|------|----|---|---------------------------|----|-----|---------------------|
| | | "6448960" "6563486" "6614413").PN. | | | | |
| L91 | 0 | ("RE40489").URPN. | USPAT | OR | OFF | 2009/04/30 14:29 |
| L92 | 3 | ("20030151637" "6042210" "6070959"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:29 |
| L93 | 1 | ("7055922").URPN. | USPAT | OR | OFF | 2009/04/30 14:29 |
| L94 | 1 | ("20030151637").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:29 |
| L95 | 1 | ("6783212").URPN. | USPAT | OR | OFF | 2009/04/30 14:30 |
| L96 | 25 | ("2565514" "2997922" "3376092" "3698793" "4113360" "5106181" "5210455" "5319491" "5321418" "5424752" "5600197" "5636072" "5771321" "5774101" "5861863" "5862275" "5953469" "5986640" "6028578" "6028978" "6057816" "6091182"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:30 |
| L97 | 6 | ("6483492").URPN. | USPAT | OR | OFF | 2009/04/30 14:30 |
| L98 | 3 | ("5421071" "542837" "Re35011").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:31 |
| L99 | 1 | ("6211606").URPN. | USPAT | OR | OFF | 2009/04/30 14:31 |
| L100 | 2 | ("4225786" "5095215"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:31 |
| L101 | 2 | ("6049080").URPN. | USPAT | OR | OFF | 2009/04/30 14:31 |
| L102 | 2 | ("3648279" "3940637"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:33 |
| L103 | 11 | ("4071785").URPN. | USPAT | OR | OFF | 2009/04/30 14:33 |
| L104 | 0 | ("2005/0052492").URPN. and capacit\$5 same touch \$4 same pad\$1 and (plural \$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:34 |

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|------|---|--|---------------------------|----|-----|------------------|
| L105 | 0 | ("2003/0227519").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:34 |
| L106 | 0 | ("20010045923" "20020130826" "2565514" "2997922" "3376092" "3698793" "4113360" "4525709" "5106181" "5187578" "5210455" "5319491" "5321418" "5424752" "5600197" "5636072" "5771321" "5774101" "5861863" "5862275" "5953469" "5986640" "6028578" "6028978" "6057816" "6091182" "6144364" "6292159" "6369782" "6417835" "6448960" "6563486" "6614413").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:34 |
| L107 | 0 | ("20030151637" "6042210" "6070959"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:35 |
| L108 | 0 | ("7055922").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:35 |

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|------|---|--|---------------------------|----|-----|---------------------|
| L109 | 0 | ("20030151637").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:35 |
| L110 | 0 | ("6783212").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:35 |
| L111 | 0 | ("2565514" "2997922" "3376092" "3698793" "4113360" "5106181" "5210455" "5319491" "5321418" "5424752" "5600197" "5636072" "5771321" "5774101" "5861863" "5862275" "5953469" "5986640" "6028578" "6028978" "6057816" "6091182").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:35 |
| L112 | 0 | ("6483492").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:36 |
| L113 | 0 | ("5421071" "5942837" "Re35011").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:36 |

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|------|---|---|---------------------------|----|-----|---------------------|
| L114 | 0 | ("7055922").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:36 |
| L115 | 0 | ("4225786" "5095215"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:36 |
| L116 | 0 | ("6049080").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:36 |
| L117 | 0 | ("3648279" "3940637"). PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:36 |
| L118 | 0 | ("4071785").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:37 |
| L119 | 2 | ("2005/0237472").URPN. | USPAT | OR | OFF | 2009/04/30 14:37 |
| L120 | 0 | ("2004/0046883").URPN. | USPAT | OR | OFF | 2009/04/30 14:38 |

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|------|----|---|---------------------------|----|-----|---------------------|
| L121 | 10 | ("20010024184" "20010028424" "20030081163" "20030133068" "20050264743" "5888421" "6266109" "6346932" "6645576" "7098980").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:38 |
| L122 | 0 | ("7518700").URPN. | USPAT | OR | OFF | 2009/04/30 14:38 |
| L123 | 3 | ("4602289" "5274476" "6528831").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:38 |
| L124 | 0 | ("6794692").URPN. | USPAT | OR | OFF | 2009/04/30 14:38 |
| L125 | 5 | ("5905556" "5995182" "6038007" "6078375" "6111626").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:39 |
| L126 | 13 | ("6259503").URPN. | USPAT | OR | OFF | 2009/04/30 14:39 |
| L127 | 0 | ("2005/0237472").URPN. and capacit\$5 same touch \$4 same pad\$1 and (plural \$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:39 |
| L128 | 0 | ("20010024184" "20010028424" "20030081163" "20030133068" "20050264743" "5888421" "6266109" "6346932" "6645576" "7098980").PN. and capacit \$5 same touch\$4 same pad \$1 and (plural\$4 same row \$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:39 |
| L129 | 0 | ("4602289" "5274476" "6528831").PN. and capacit \$5 same touch\$4 same pad \$1 and (plural\$4 same row \$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:40 |

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|------|------|--|---|----|-----|---------------------|
| L130 | 0 | ("5905556" "5995182" "6038007" "6078375" "6111626").PN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 14:40 |
| L131 | 0 | ("6259503").URPN. and capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same (interleav\$4 or comb\$4 same shape\$1) | USPAT | OR | OFF | 2009/04/30 14:40 |
| S1 | 2569 | capacit\$5 same touch\$4 same pad\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:06 |
| S2 | 34 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:06 |
| S3 | 11 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive and first same layer\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:06 |
| S4 | 1 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive and first same layer\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 same interconnect\$4 same conduct\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:07 |
| S5 | 1 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive and first same layer\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and interconnect\$4 same conduct\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:08 |

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|-----|-------|--|---|----|-----|---------------------|
| S6 | 1 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 same interconnect\$4 same conduct\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:23 |
| S7 | 2 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:23 |
| S8 | 33 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:40 |
| S9 | 1 | capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:40 |
| S10 | 27912 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and row\$1 sme column\$1 same overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:42 |
| S11 | 1 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and row\$1 same column\$1 same overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:42 |
| S12 | 1 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and (row\$1 and column\$1) same overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:43 |

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|-----|----|---|---|----|-----|---------------------|
| S13 | 0 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and comb\$1 same shape | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:43 |
| S14 | 1 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and comb\$1 same shape\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:44 |
| S15 | 0 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and comb\$1 same shape\$1 same overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:44 |
| S16 | 0 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and comb\$1 same shape\$1 and overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 22:44 |
| S17 | 0 | capacit\$5 same touch\$4 same pad\$1 and cover same non-conductive and first same layer\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 same interconnect\$4 same conduct\$4 and piezo same electric\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:00 |
| S18 | 32 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same sens\$4 same electro\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:03 |
| S19 | 32 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same (row\$1 and column\$1) same sens\$4 same electro\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:03 |

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|-----|---|--|---|----|-----|---------------------|
| S20 | 1 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and (row\$1 and column\$1) same overlap\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:03 |
| S21 | 5 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same (row\$1 and column\$1) same sens\$4 same electrod\$2 AND COMB\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:04 |
| S22 | 2 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 ADJ sens\$4 ADJ electrod\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:05 |
| S23 | 0 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 ADJ sens\$4 ADJ electrod\$2 AND OVERLAP\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:07 |
| S24 | 0 | capacit\$5 AND touch\$4 same pad\$1 and plural\$4 same row\$1 ADJ sens\$4 ADJ electrod\$2 AND OVERLAP\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:13 |
| S25 | 2 | capacit\$5 AND touch\$4 same pad\$1 and plural\$4 same row\$1 ADJ sens\$4 ADJ electrod\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:13 |
| S26 | 5 | capacit\$5 AND touch\$4 same pad\$1 and plural\$4 same row\$1 ADJ sens\$4 SAME electrod\$2 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:13 |
| S27 | 1 | capacit\$5 AND touch\$4 same pad\$1 and plural\$4 same row\$1 ADJ sens\$4 SAME electrod\$2 and comb\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:14 |
| S28 | 2 | plural\$4 same row\$1 ADJ sens\$4 SAME electrod\$2 and comb\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:14 |

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| S29 | 4 | capacit\$5 same touch\$4 same pad\$1 and plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1 and interlev \$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:23 |
| S30 | 1 | capacit\$5 same touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same interlev \$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:33 |
| S31 | 1 | capacit\$5 and touch\$4 same pad\$1 and (plural\$4 same row\$1 same electrode\$1 and plural\$4 same column\$1 same electrode\$1) same interlev \$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/29 23:33 |
| S32 | 3 | "4071785".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 08:57 |
| S33 | 28572 | electrode\$1 same (column \$1 and row\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:07 |
| S34 | 3060 | electrode\$1 same (column \$1 and row\$1) same shape \$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:07 |
| S35 | 68 | electrode\$1 same (column \$1 and row\$1) same shape \$1 same comb\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:07 |
| S36 | 5 | electrode\$1 same (column \$1 and row\$1) same shape \$1 adj comb\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:07 |
| S37 | 10 | electrode\$1 same (column \$1 and row\$1) same shape \$1 same comb\$1 and piezoelectric\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:08 |

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| S38 | 2 | "5953199".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:25 |
| S39 | 37 | electrode\$1 same (column \$1 and row\$1) same shape \$1 same comb\$1 and capacit\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:35 |
| S40 | 1 | electrode\$1 same (column \$1 and row\$1) same shape \$1 same comb\$1 and capacit\$6 and pressur\$4 same sens\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:36 |
| S41 | 1 | electrode\$1 same (column \$1 and row\$1) same shape \$1 same comb\$1 and pressur\$4 same sens\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:39 |
| S42 | 3 | electrode\$1 same (column \$1 and row\$1) same shape \$1 same comb\$1 same sens\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:40 |
| S43 | 0 | electrode\$1 same (column \$1 and row\$1) same pressur\$4 same sens\$4 and comb\$1 same shape \$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:42 |
| S44 | 218 | electrode\$1 same (column \$1 and row\$1) same pressur\$4 same sens\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:42 |
| S45 | 2 | electrode\$1 same (column \$1 and row\$1) same pressur\$4 same sens\$4 and comb\$1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 09:43 |

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